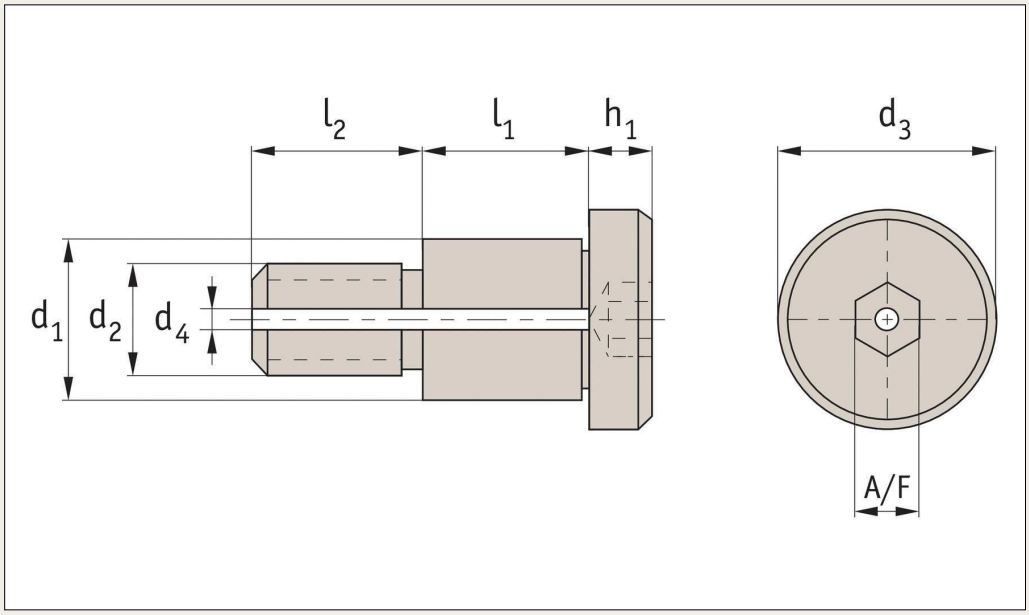
# Vented Shoulder Screws - Cap Head

hex. drive - 303 stainless







## P0098.A2

### Material

Stainless steel (AISI 303, 1.4305), strength class 50.
Ultrasonically cleaned.

### Technical notes

Coatings available: silver, gold, nickel and others. Other sizes available on request.

### Tips

These products help eliminate virtual leaks from high vacuum (HV and UHV) systems, thereby improving pump-down times. Trapped gases at the bottom of a tapped hole are able to escape via the central vent down the middle of the screw.

| Order No. | $d_1$ +0 -0,025 | $l_1$ +0,05 -0,0 | $d_2$ | $d_3$ | $d_4$ | $l_2$ | $h_1$ | A/F |
|---|---|---|---|---|---|---|---|---|
| P0098.030-010-A2 | 3 | 10 | M 2 | 5,0 | 0,7 | 4,0 | 2,0 | 2 |
| P0098.030-016-A2 | 3 | 16 | M 2 | 5,0 | 0,7 | 4,0 | 2,0 | 2 |
| P0098.030-020-A2 | 3 | 20 | M 2 | 5,0 | 0,7 | 4,0 | 2,0 | 2 |
| | | | | | | | | |
| P0098.040-004-A2 | 4 | 4 | M 3 | 6,0 | 1,0 | 4,0 | 3,0 | 2 |
| P0098.040-005-A2 | 4 | 5 | M 3 | 6,0 | 1,0 | 4,0 | 3,0 | 2 |
| P0098.040-006-A2 | 4 | 6 | M 3 | 6,0 | 1,0 | 4,0 | 3,0 | 2 |
| P0098.040-008-A2 | 4 | 8 | M 3 | 6,0 | 1,0 | 4,0 | 3,0 | 2 |
| P0098.040-010-A2 | 4 | 10 | M 3 | 6,0 | 1,0 | 4,0 | 3,0 | 2 |
| P0098.040-012-A2 | 4 | 12 | M 3 | 6,0 | 1,0 | 4,0 | 3,0 | 2 |
| P0098.040-016-A2 | 4 | 16 | M 3 | 6,0 | 1,0 | 4,0 | 3,0 | 2 |
| P0098.040-020-A2 | 4 | 20 | M 3 | 6,0 | 1,0 | 4,0 | 3,0 | 2 |
| P0098.040-035-A2 | 4 | 35 | M 3 | 6,0 | 1,0 | 4,0 | 3,0 | 2 |
| | | | | | | | | |
| P0098.050-004-A2 | 5 | 4 | M 4 | 8,0 | 1,0 | 5,0 | 4,0 | 3 |
| P0098.050-005-A2 | 5 | 5 | M 4 | 8,0 | 1,0 | 5,0 | 4,0 | 3 |
| P0098.050-006-A2 | 5 | 6 | M 4 | 8,0 | 1,0 | 5,0 | 4,0 | 3 |
| P0098.050-007-A2 | 5 | 7 | M 4 | 8,0 | 1,0 | 5,0 | 4,0 | 3 |
| P0098.050-008-A2 | 5 | 8 | M 4 | 8,0 | 1,0 | 5,0 | 4,0 | 3 |
| P0098.050-010-A2 | 5 | 10 | M 4 | 8,0 | 1,0 | 5,0 | 4,0 | 3 |
| P0098.050-012-A2 | 5 | 12 | M 4 | 8,0 | 1,0 | 5,0 | 4,0 | 3 |
| P0098.050-014-A2 | 5 | 14 | M 4 | 8,0 | 1,0 | 5,0 | 4,0 | 3 |
| P0098.050-016-A2 | 5 | 16 | M 4 | 8,0 | 1,0 | 5,0 | 4,0 | 3 |
| P0098.050-020-A2 | 5 | 20 | M 4 | 8,0 | 1,0 | 5,0 | 4,0 | 3 |
| P0098.050-025-A2 | 5 | 25 | M 4 | 8,0 | 1,0 | 5,0 | 4,0 | 3 |
| P0098.050-030-A2 | 5 | 30 | M 4 | 8,0 | 1,0 | 5,0 | 4,0 | 3 |
| | | | | | | | | |
| P0098.060-004-A2 | 6 | 4 | M 5 | 10,0 | 1,3 | 6,0 | 5,0 | 3 |
| P0098.060-005-A2 | 6 | 5 | M 5 | 10,0 | 1,3 | 6,0 | 5,0 | 3 |

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AUTOMOTION® COMPONENTS

# Vented Shoulder Screws - Cap Head

hex. drive - 303 stainless



| Order No. | $d_1$ +0 -0,025 | $l_1$ +0,05 -0,0 | $d_2$ | $d_3$ | $d_4$ | $l_2$ | $h_1$ | A/F |
|---|---|---|---|---|---|---|---|---|
| P0098.060-006-A2 | 6 | 6 | M 5 | 10,0 | 1,3 | 6,0 | 5,0 | 3 |
| P0098.060-008-A2 | 6 | 8 | M 5 | 10,0 | 1,3 | 6,0 | 5,0 | 3 |
| P0098.060-010-A2 | 6 | 10 | M 5 | 10,0 | 1,3 | 6,0 | 5,0 | 3 |
| P0098.060-012-A2 | 6 | 12 | M 5 | 10,0 | 1,3 | 6,0 | 5,0 | 3 |
| P0098.060-014-A2 | 6 | 14 | M 5 | 10,0 | 1,3 | 6,0 | 5,0 | 3 |
| P0098.060-020-A2 | 6 | 20 | M 5 | 10,0 | 1,3 | 6,0 | 5,0 | 3 |
| P0098.060-025-A2 | 6 | 25 | M 5 | 10,0 | 1,3 | 6,0 | 5,0 | 3 |
| P0098.060-030-A2 | 6 | 30 | M 5 | 10,0 | 1,3 | 6,0 | 5,0 | 3 |
| | | | | | | | | |
| P0098.080-005-A2 | 8 | 5 | M 6 | 12,0 | 1,6 | 11,0 | 6,0 | 4 |
| P0098.080-006-A2 | 8 | 6 | M 6 | 12,0 | 1,6 | 11,0 | 6,0 | 4 |
| P0098.080-008-A2 | 8 | 8 | M 6 | 12,0 | 1,6 | 11,0 | 6,0 | 4 |
| P0098.080-010-A2 | 8 | 10 | M 6 | 12,0 | 1,6 | 11,0 | 6,0 | 4 |
| P0098.080-012-A2 | 8 | 12 | M 6 | 12,0 | 1,6 | 11,0 | 6,0 | 4 |
| P0098.080-014-A2 | 8 | 14 | M 6 | 12,0 | 1,6 | 11,0 | 6,0 | 4 |
| P0098.080-016-A2 | 8 | 16 | M 6 | 12,0 | 1,6 | 11,0 | 6,0 | 4 |
| P0098.080-020-A2 | 8 | 20 | M 6 | 12,0 | 1,6 | 11,0 | 6,0 | 4 |
| P0098.080-025-A2 | 8 | 25 | M 6 | 12,0 | 1,6 | 11,0 | 6,0 | 4 |
| P0098.080-045-A2 | 8 | 45 | M 6 | 12,0 | 1,6 | 11,0 | 6,0 | 4 |
| | | | | | | | | |
| P0098.100-008-A2 | 10 | 8 | M 8 | 14,0 | 1,8 | 12,0 | 7,0 | 5 |
| P0098.100-010-A2 | 10 | 10 | M 8 | 14,0 | 1,8 | 12,0 | 7,0 | 5 |
| P0098.100-012-A2 | 10 | 12 | M 8 | 14,0 | 1,8 | 12,0 | 7,0 | 5 |
| P0098.100-016-A2 | 10 | 16 | M 8 | 14,0 | 1,8 | 12,0 | 7,0 | 5 |
| P0098.100-020-A2 | 10 | 20 | M 8 | 14,0 | 1,8 | 12,0 | 7,0 | 5 |
| P0098.100-030-A2 | 10 | 30 | M 8 | 14,0 | 1,8 | 12,0 | 7,0 | 5 |
| | | | | | | | | |
| P0098.120-012-A2 | 12 | 12 | M10 | 20,0 | 1,8 | 16,0 | 8,0 | 6 |
| P0098.120-025-A2 | 12 | 25 | M10 | 20,0 | 1,8 | 16,0 | 8,0 | 6 |
| | | | | | | | | |
| P0098.160-100-A2 | 16 | 100 | M12 | 24,0 | 1,8 | 18,0 | 11,0 | 8 |